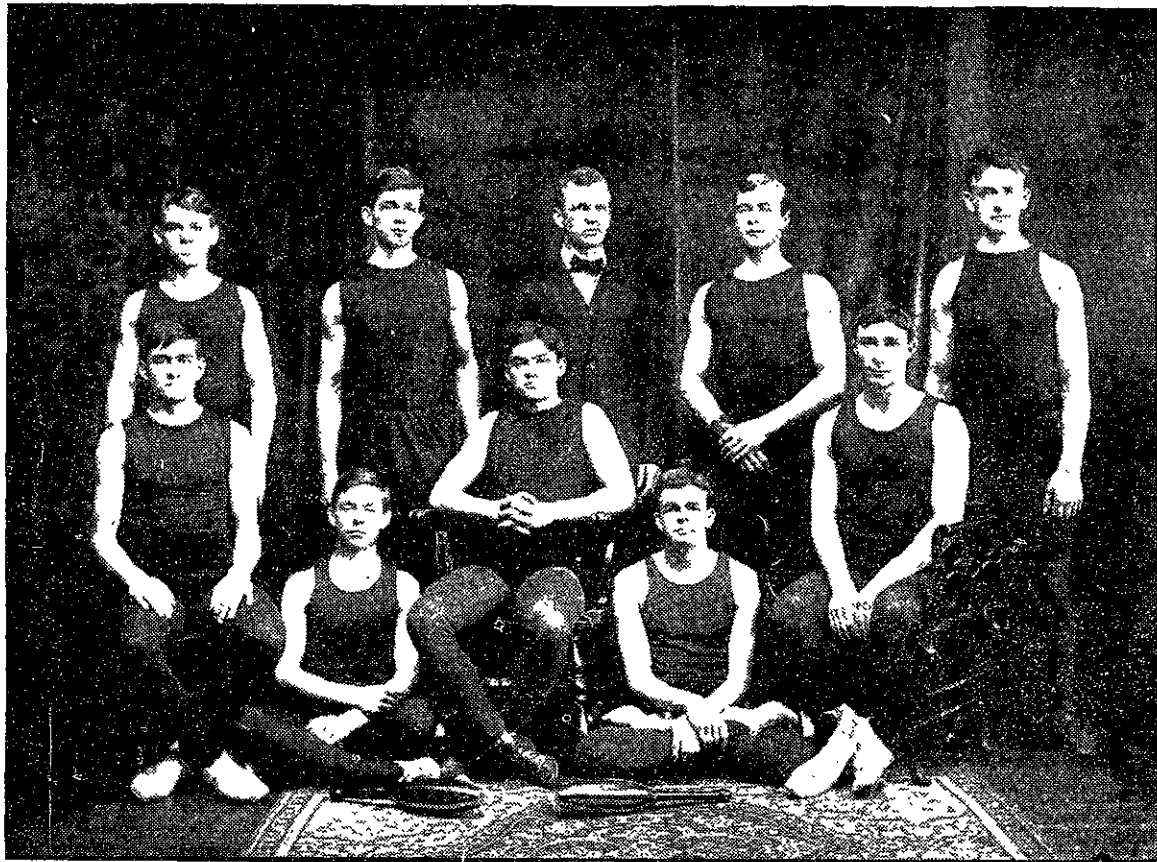


THE TECH

VOL. XXVII. No. 47

BOSTON, MASS., WEDNESDAY, FEBRUARY 19, 1908

PRICE THREE CENTS



GYMNASIUM TEAM OF THE SEASON 1907.

Back Row, left to right—E. J. Byron 1910, G. Schobinger 1908, W. C. Towne, Instructor, H. S. Gott 1910. Middle Row—B. F. Courtney 1910, W. H. Byron 1908, Captain, W. R. Howell 1910. Front Row—J. S. Pierce 1909, C. W. Wilson 1910.

WORK WITH WEIGHTS TO BEGIN.

OUTDOOR PRACTICE PROVIDED.

Number of Good Men and Prospects
are Bright.

Work with the weights will be taken up very shortly by the track team. In the past the Institute team has been very weak in this department and a very strenuous endeavor will be made to bolster such events.

There are a good many heavy men who have shown up at one time or another this year but little has been done on account of the lack of facilities. Now, however, that the opportunity presents itself work with the shot, the discus and the hammer will be begun regularly, and practice will be held on the field just in front of the Lowell building. Here Coach Kanaly will meet the men at a time to be appointed later when he is enabled to find out the time that would be most satisfactory to the greatest number of men who will do such work.

Some new weights are being secured by the track manager and will be ready for use at an early date. Both indoor and outdoor shots will be provided at the gymnasium.

More ability has been shown this year than has been exhibited for a long time in the use of the weights. This fact is all the more encouraging when it is considered that the other New England colleges are finding themselves rather worse off than usual and the opportunity for men to do some work that will really count is so good that it should not be neglected.

All who are fitted to do such work should consult Coach Kanaly as soon as possible with regard to the time when it would be most convenient for them to practice. He will be at the gym Tuesday, Thursday, and Saturday afternoons.

The two relay teams will be given a and this week after their preparation for the Lawrence Light Guard meet. Other track work will continue as usual.

PROFESSOR SCHAAD INSPECTS CORNELL.

FINDS THAT NUMBERS DECREASE
EFFICIENCY.

Spirit of Student Better Than That
Shown Here.

Professor G. C. Schaad of the Electrical Department spent a week of mid-years inspecting the engineering work at Cornell.

The most striking characteristic is the great number of students there in comparison with the number here at Tech. There are one hundred seniors in Electrical Engineering. In consequence, the proportion of instructors to students is lower at Cornell.

Theses are not required. In their place, telephony, power transmission, railways, or design may be substituted at the student's option. This is also due to the impossibility of individual attention to the students.

The selection of courses, which is here completely determined at the end of the first term, is only settled between mechanical and electrical engineering at the beginning of the senior year at Cornell. This means that both courses are the same with no specializing through the third year. It would be hard to point out the advantages of this system. The schedules appear to be as

(Continued on page 3.)

BASKETBALL TEAM AT HOME.

Plays Dartmouth Friday Night.

Dartmouth will for the second time this season be the opponent of Tech in basket ball this coming Friday night. The game will be played at the Gym and will constitute a return contest for the game which took place earlier in the season at Hanover, the home grounds of Dartmouth. The score of the first game was 37-21 but was extremely hard fought from start to finish, neither side being able to gain any overwhelming advantage. On the same evening the freshman and sophomore teams will meet in an interclass contest.

GYMNASIUM TEAM TO EXHIBIT SOON.

NEARLY ALL OF LAST YEAR'S MEN
BACK.

Chance For Development of Team For
Intercollegiate Competition.

Under Mr. Winfield C. Towne's instruction, the gymnasium team has been working regularly in preparation for the annual exhibition to be given at the Gym in a few days. This event in the past has been most interesting and the best attended of any of the winter indoor events. At this meet the Cabot medals will be presented to those who have shown the most marked physical improvement during the past year.

The only outside meet in which the Institute team will participate will be a joint exhibition with the Boston Y. M. C. A. to be given about the middle of March at the Y. M. C. A.

The reason that the Institute team will not go against other college teams is that Mr. Towne cannot get enough men to work regular to warrant turning out a regular Tech team for intercollegiate competition.

Mr. Towne says in regard to this, "You cannot get the men out often enough. Gym work requires just as much practice as basketball or football. A gym meet is a poor thing unless it is well done. The fellows must become more skilful before they attempt competition with other colleges."

The team at present is made up of men who have had considerable experience in individual stunts. Many of them are adepts on the heavy apparatus.

The members of last year's team who are at work again are W. H. Byron 1908, G. Schobinger 1908, J. S. Pearce 1909, B. F. Courtney 1910, H. S. Gott 1910, B. Darrow 1910, W. R. Howell 1910, and C. W. Wilson 1910. The only man lost from the old lineup is E. J. Byron 1910 who has entered the Sheffield Scientific School at Yale this term.

Mr. Towne is anxious to have new men try for the team, especially underclassmen, as he hopes to have next year a number of sufficiently trained men to go against several college teams.

\$4,850 IN GRANTS AVAILABLE FOR YEAR.

50 FACULTY COMMITTEE REPORTS.

Statistics on Publications and Summer
Reading Also Given Out.

According to the reports of the standing committees of the Faculty eight fellowships and four special grants, totalling \$4,850, expended for graduate work at the Institute and the remainder is for two fellowships for work at Harvard and three for work abroad. During the past year three candidates were awarded the degree of Doctor of Philosophy. This is the first time the Institute has given this degree.

Advanced courses have been arranged in nearly all the professional courses, as stated in the December catalog.

The committee on periodicals and libraries reports that the Institute library system needs more funds than it is at present supplied with, and points out the increase in economy which would probably result from a partial consolidation of the departmental libraries.

Petitions seem to have been popular during the past school year as no less than 1,764 of them passed through the hands of the committee on petitions that time. The committee on publications has had printed and distributed 11,500 catalogs, 4,500 Presidential Reports, 4,300 Registers of Graduates and 4,500 Programs. This year the Register of Graduates was sent to every graduate, and it is expected that this practice will be followed every third year.

The committee on summer reading has submitted a list of the books from which the students choose, with the number of students that have elected to read each during the last three years. The most noteworthy feature of the list is the apparent popularity of Shakespeare. Julius Caesar was elected by 551 students, Hamlet by 509, Othello by 483 and Twelfth Night by 462. The fifth largest number, 442 read Kidnapped. The English work receiving the least attention was Henley's Lyra Heroica, with 28 votes. The foreign works have been neglected Zschokke's Abenteuerlicher Neujahrsmacht leading with 29 readers and Alarcon's El Capitan Venezo footing the list with 7.

During the past year the Institute has spent \$18,552.50 toward student aid, 158 men receiving grants. The State aided 65 students, 45 of them without additional support from the Institute. The total number of scholarship men is therefore 203, of about one-seventh of the whole student body.

PROF. RICHARDS BACK.

Visit in Montana Successful.

Prof. Richards recently returned from Butte, Montana, where he has been visiting the Montana State School of Mines. The following appeared in the Butte Miners of Feb. 2.

"Prof. Robert H. Richards of the Massachusetts Institute of Technology, delivered an interesting lecture yesterday at the School of Mines. He devoted his attention principally to the Wilfley table and the methods to be employed in bringing the table up to its highest pitch of concentration.

"Prof. Richards has been here for the past ten days and during that time he has been the guest of C. W. Goodale, manager of the Boston & Montana company. He has spent several days at the Boston & Montana smelter at Great Falls, inspecting some improvements in the concentrator, particularly with a view of better classification of the ores so that they may more advantageously be treated on the Wilfley tables. Prof. Richards will accompany Mr. Goodale to Great Falls again this morning and from there probably will return to his home in Boston."

THE TECH

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Printed by Old Colony Press, Boston.

Wednesday, February 19, 1908.

GYMNASTICS.

It seems strange in this individualistic institution that the branch of athletic activity that perhaps gives the greatest physical return to the individual should be the most neglected. This branch in gymnasium work, the only branch fostered by the Institute itself, the only branch in which the student is invited by the authorities to take part.

That this branch has been encouraged is shown by the gymnasium erected by the Institute, the securing of a high-class instructor on the regular instructing staff, the offering of the five finley designed, beautiful Cabot medals each year for physical development and the enforced physical examinations of the freshmen.

This recognition of gymnasium work by the Institute has come because of the realization this branch of athletics gives the greatest opportunities for all, whether weak or strong.

Work in heavy and light gymnastics is now on at the Gym. All those who can possibly give the time and are not occupied in other athletic pursuits should attend these classes. Freshmen who, after their physical examination, have been warned that they are below the average should heed that warning.

In addition every man who has had any gym experience should come out to help Mr. Towne in building up a team, capable and well trained enough to go against any college team. Several years ago Tech had a varsity gym team to be proud of. There should be one now.

FOR A GOOD CAUSE.

Those who receive in a few days a circular and tickets for the Tech Day at the Hippodrome should realize that this day is being held for the benefit of the greatest student movement in recent years, the new Tech Union.

As has been pointed out by the President of the Institute and other authorities, the only argument against the taking over of Copley Hall for a Union is the attendant expense in fitting up the building together with the loss of the rent. The latter item will be taken care to a great extent by the letting of studios and the theoretical rent accruing from the rooms vacated by the Tech Lunch, the present Union and the rooms now used by the students in Rogers and other buildings.

The former item, the proper fitting and furnishing of this building for student use, will amount to a good deal of money. A portion of this building has been practically assured to the students. How much more will be given up to such use depends entirely on the arrangements that can be made with the Copley Society.

The reason that this movement to take over the Copley Hall building has been looked upon so favorably by the authorities is that it originated and has been carried out by the undergrad-

uates. In the petition to the Executive Committee it was said that the students would be willing, individually and with their organizations, to stand back of the movement not only in spirit but with money aid.

How much more will every undergraduate enjoy the New York Union if he feels that he has done something toward making it a reality and a success. How much more willing will the Executive Committee be to give over to the student this building if it feels that the students are willing to give something toward it.

All who have heard or read of this movement for a centrally located Union must know the great need of such a structure. Realizing this need, they should upon the receipt of the tickets for Tech Day make every attempt to sell them. The money for all tickets sold should be turned over to The Tech before March 25, the time for such sales being extended to that date from March 15. Unless such sales are turned over to The Tech before this date the New Union will not get the advantage of the generous percentage given by the management of the Hippodrome.

TECH'S RELAY TEAM.

What should be a cause of great gratification to the Institute is the showing that has been made this season by the one-mile relay team and the consequent indications pointing to a strong quartet which may be turned out when the outdoor season opens.

Seldom in the history of track athletics at Tech has a more thoroughly sportsmanlike spirit been exhibited than was shown not only in the competition for places on the team but also in the way the team performed. In the first place Williams was very easily defeated at the B. A. A. meet and the time made was faster than that made at the meet either by a college or an athletic club for the same distance. When it considered that almost all the New England colleges were represented at the meet this fact is very encouraging.

The next appearance of the team was at the Lawrence Light Guard meet when the B. A. A., who was scheduled to appear against the team, refused to run, giving various reasons as excuses. In spite of the fact that the team ran unpaced against time they broke the track record. This again was a most meritorious performance and one that can not be too highly commended.

In passing it might be remarked incidentally that the action of the B. A. A. in scheduling a race and then refusing to run after Tech had taken great pains to keep their team in training during the mid year vacation is most

(Continued on page 3.)

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(Continued from page 2.)

reprehensible. For it there is practically no excuse. To even add to the reproach it is the second time that the same organization has gone back on its arrangements with the Tech management.

Y. M. C. A. BEGINS AGAIN.

Rev. Conrad Will Speak.

Rev. A. Z. Conrad, D.D. will address the weekly meeting of the Y. M. C. A. in the Library of Trinity Church tomorrow at 1.30. Dr. Conrad is the pastor of the Park Street Church and is one of the best known ministers in Boston. This is the first meeting this term and a full attendance is desired. There will be plenty of time to reach two o'clock classes.

TECH MEN INVITED.

Boston Episcopalians To Meet.

A very important and interesting meeting for all Episcopalians or those who have ever had any interest in the church will be held at 7.30 o'clock tonight, in the parish house of Trinity Church. This is the first meeting this year of the Boston Local Assembly of the Brotherhood of St. Andrew. The speakers will be Dr. Alexander Mann, rector of Trinity Church, and Mr. G. Frank Shelby, Secretary of the Brotherhood in the New York District.

All Tech churchmen, although their connection with the church may have become very loose, are urgently requested to get out this time if at all possible.

GYMNASIUM TEAM TO EXHIBIT SOON.

Mr. Towne is now engaged in analyzing the anthropometric charts made up from the measurements of the members of the freshman class during the first months of the past term. He is securing the averages of heights, weights, etc., to compare with similar averages secured from the freshman classes at other institutions.

This is being done both to ascertain whether the statement that the Tech man is smaller than the average college man is true, and to find the physical average of the entering class.

PROF. SHADD INSPECTS CORNELL.

(Continued from page 1.)

heavy in hours at the college as they are here. But the time of home study can not be the same.

One of the best methods used there and not here is the doing of all problems at school under the direct supervision of instructors. All students do not work the same problems. This makes the circumstances similar to those met in engineering offices. It would be rather difficult to adopt this system at Tech because of the lack of room under present conditions.

There is plenty of room at Cornell. The Physics building has been recently turned over to the electrical department which very easily accommodates the one hundred seniors they have. Still it is very advantageous to have the laboratory compactly arranged in our room as here at Tech.

The spirit is unquestionably better at Cornell. Every one of the seniors in electricity is a member of the local student branch of the American Institute of Electrical Engineers.

These inspections are very energetically carried out by the Tech Electrical Department. Professor R. R. Lawrence made a trip a year ago and Prof. F. A. Laws will visit Cornell in two or three weeks. Professor H. H. Norris, head of the department at Cornell, was here at the time of the Yale-Harvard game.

"One thing is certain," Prof. Schaad says, "Cornell turns out men who know how to work the one object of Tech, and nothing more could be desired."

SHOW WANTS MORE STAGE MEN.

Few Out For Managership.

There was a surprisingly small showing at the first meeting of candidates for the stage management of the Show Monday afternoon. There ought to be a large number of applicants for this position as the work of the stage man is perhaps the most interesting of all the managers' duties.

The general manager of the Show last year rose to that place through the stage management, and the place is well worth trying for. All those who intend to try for it should meet the stage manager, G. A. Joslin, at the Union this afternoon at four o'clock.

The Technology Review

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CALENDAR.

Wednesday, February 19, 1908.

1.00 P. M. 1908 Meeting in Huntington Hall.
6.30 P. M. Biological Society Dinner at the Union.
7.30 P. M. Texas Club Meeting in 16 Rogers.
7.30 P. M. Glee Club Leaves Boylston St. for Concert.
7.30 P. M. Meeting of Brotherhood of St. Andrew in Trinity Church.

Thursday, February 20.

1.30 P. M. Y. M. C. A. Meeting in Trinity Church Library.
4.00 P. M. Glee Club Rehearsal at the Union.

Friday, February 21.

4.00 P. M. Banjo Club Rehearsal in 33 Rogers.
4.15 P. M. Mandolin Club Rehearsal in 31 Rogers.
8.00 P. M. Basketball, Tech vs. Dartmouth at the Gym.
8.00 P. M. Basketball, 1910 vs. 1911 at the Gym.

NOTICES.

HOCKEY TEAM.—Picture will be taken at Notman's Monday at 1.00 P. M. 1908.—Meeting of the Senior Class in Huntington Hall at 1.00 P. M. today.

GLEE CLUB.—Concert at 541 Cambridge Street, Allston, tonight at 8. Meet on South bound platform, Boylston St. subway station, at 7.30 sharp.

TEXANS.—Meeting of Texas Club at 7.30 tonight in 16 Rogers. Every Texan in the Institute will please be present.

The drawings for the poster for "Over the Garden Wall" are on exhibition in the exhibition room on the fifth floor of Pierce.

1909.—Collectors please leave names of all members of 1909, who have paid their class-dues in full, at the Cage on or before Feb. 21, for J. I. Finnie Treas.

BIOLOGICAL SOCIETY.—Dinner at the Union at 6.30 P. M. tonight. Prof. Sedgwick will speak on "The Outlook for Biology and Sanitary Engineering in the Twentieth Century." On account of the opportunity to hear Prof. Sedgwick, all interested are invited to attend. Tickets fifty cents.

1909 MAN MARRIES.

The marriage of William Carleton Reed 1909, Course VIII, to Miss Rosamund M. Brennan of Taunton has just been announced. Reed will remain to complete his course at the Institute.

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